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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>			<i>Complete if Known</i>		
			Application Number	10/821,390	
			Filing Date	2004-04-09	
			First Named Inventor	WALLACE, Mark S. et al.	
			Art Unit	2611	
			Examiner Name	WONG, LINDA	
Sheet	1	of	5	Attorney Docket No: 040319	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
/L.W./	001	US5581583	12-03-1996	CONTII et al.	
	002	US5668837	09-16-1997	DENTT et al.	
	003	US6144711	11-07-2000	RALEIGHH et al.	
	004	US6982946	01-03-2006	WIBERGG et al.	
	005	US7394754	07-01-2008	LII et al.	
	006	US7447268	11-04-2008	SADOWSKYY et al.	
	007	US7583747	09-01-2009	DAMENN et al.	
	008	US7593317	09-22-2009	YUDAA et al.	
	009	US20020114269	08-22-2002	ONGGOSANUSI, Eko Nugroho et al.	
	010	US20020127978	09-12-2002	KHATRI, Bhavin S. et al.	
	011	US20030076908	04-24-2003	HUANG, Howard C. et al.	
	012	US20030108117	06-12-2003	KETCHUM, John W. et al.	
	013	US20030123565	07-03-2003	FUKUDA, Atsushi et al.	
	014	US20030128658	07-10-2003	WALTON, Jay Rod et al.	
	015	US20030161282	08-28-2003	MEDVEDEV, Irina et al.	
	016	US20030204380	10-30-2003	DISHMAN, John F. et al.	
	017	US20030235147	12-25-2003	WALTON, Jay R. et al.	
	018	US20040022183	02-05-2004	LI, Kuo Hui et al.	
	019	US20040042439	03-04-2004	MENON, Murali Paravath et al.	
	020	US20040086027	05-06-2004	SHATTIL, Steve J. et al.	

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/L.W./	021	US20040102157	05-27-2004	LEWIS, Michael E. et al.	
↓	022	US20040139137	07-15-2004	MAILAENDER, Laurence Eugene et al.	
↓	023	US20040248604	12-09-2004	VAIDYANATHAN, Chandra et al.	
↓	024	US20050026570	02-03-2005	HAN, Jae-Hee et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
/L.W./	025	JP11205026A	07-30-1999	TOSHIBA CORP et al.		<input type="checkbox"/>
↓	026	JP2002503048T	01-29-2002	ARRAYCOMM, INC.		<input type="checkbox"/>
↓	027	JP2004064654A	02-26-2004	MATSUSHITA ELECTRIC IND CO LTD et al.		<input type="checkbox"/>
↓	028	JP2004072150A	03-04-2004	MATSUSHITA ELECTRIC IND CO LTD et al.		<input type="checkbox"/>
↓	029	JP2004096753A	03-25-2004	AGERE SYSTEMS INC et al.		<input type="checkbox"/>
↓	030	JP2004104790A	04-02-2004	MITSUBISHI ELECTRIC INF TECH et al.		<input type="checkbox"/>
↓	031	JP2005524331T	08-11-2005	MOTOROLA ENERGY SYSTEMS INC.		<input type="checkbox"/>
↓	032	JP2007515829T	06-14-2007	DO-COMO COMMUNICATIONS		<input type="checkbox"/>

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
				LABORATORIES		
/L.W./	033	JP2007523549T	08-16-2007	DO-COMO COMMUNICATIONS LABORATORIES		<input type="checkbox"/>
/L.W./	034	JP2007523550T	08-16-2007	DO-COMO COMMUNICATIONS LABORATORIES		<input type="checkbox"/>
/L.W./	035	JP2007529972T	10-25-2007	INTEL CORPORATION		<input type="checkbox"/>
/L.W./	036	JP2007538414T	12-27-2007	DO-COMO COMMUNICATIONS LABORATORIES		<input type="checkbox"/>
/L.W./	037	WO0225857A1	03-28-2002	ERICSSON TELEFON AB L M [SE] et al.		<input type="checkbox"/>
/L.W./	038	WO03063526A1	07-31-2003	FUJITSU LTD [JP] et al.		<input type="checkbox"/>
/L.W./	039	WO03094386A1	11-13-2003	MOTOROLA INC [US] et al.		<input type="checkbox"/>
/L.W./	040	WO2005099211A1	10-20-2005	INTEL CORP [US] et al.		<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS			
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/L.W./	041	AUER, G., Channel Estimation For OFDM With Cyclic Delay Diversity, Personal, Indoor And Mobile Radio Communications, 2004. PIMRC 2004, 15TH IEEE International Symposium On, September 5, 2004, Vol. 3, PP. 1792-1796.	

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/L.W./	042	BAUCH, et al., "Orthogonal Frequency Division Multiple Access with Cyclic Delay Diversity," ITG Workshop on Smart Antennas, Munich Germany, March 18-19, 2004, pp. 17-24.		
/L.W./	043	MASOUD SHARIF, BABAK HASSIBI, On The Capacity Of MIMO Broadcast Channel With Partial Side Information, Signals, Systems And Computers, 2003, Conference Record Of The Thirty-Seventh ASILOMAR Conference, November 12th 2003.		

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